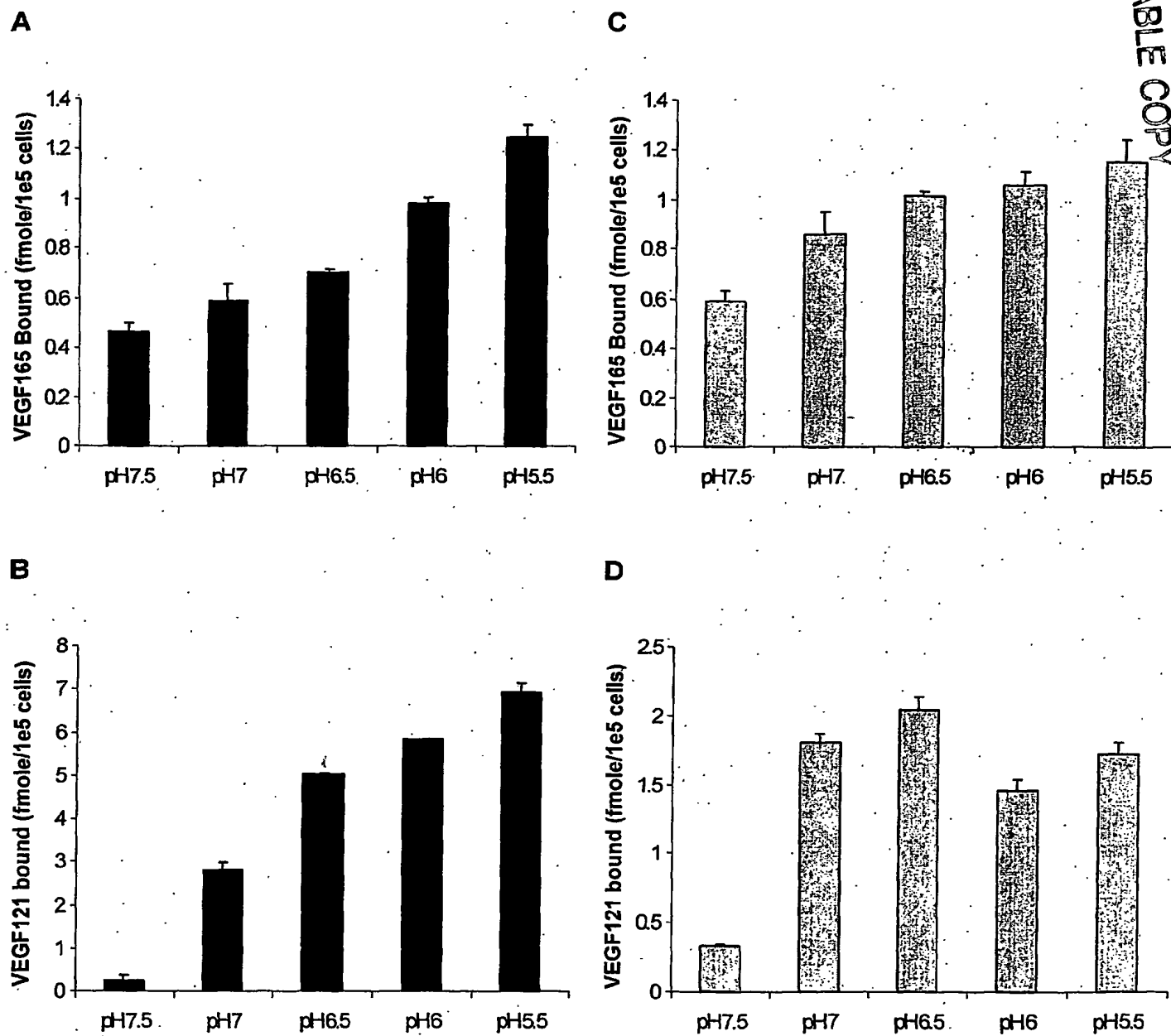


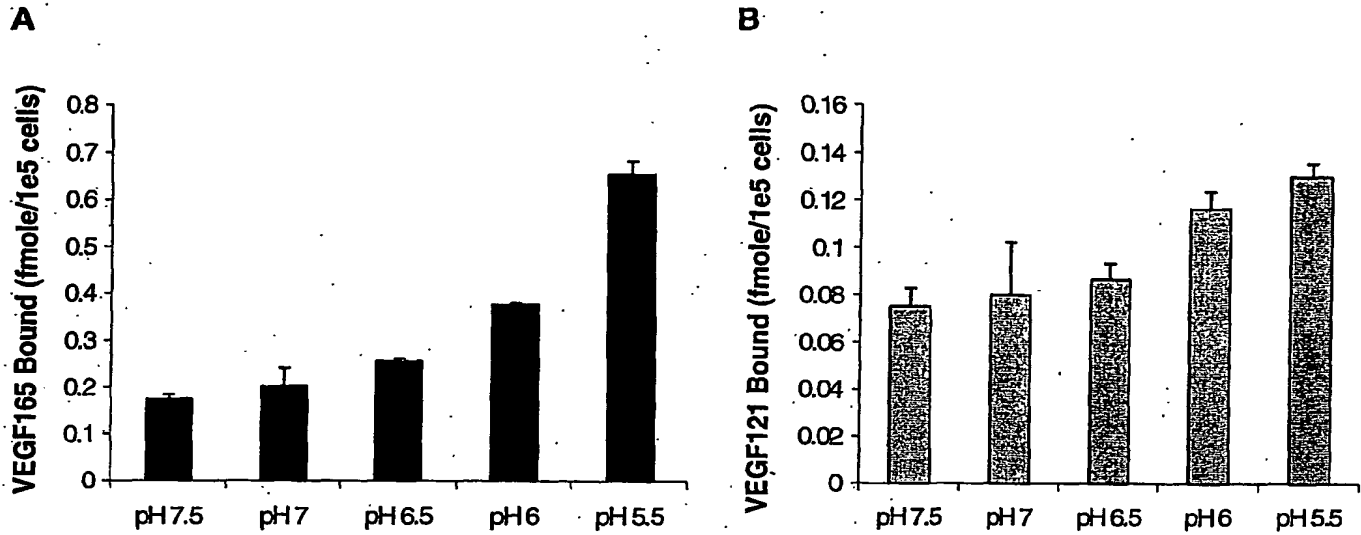
## Extracellular pH alters VEGF activity

Figure 1



## Extracellular pH alters VEGF activity

Figure 2



## Extracellular pH alters VEGF activity

Figure 3

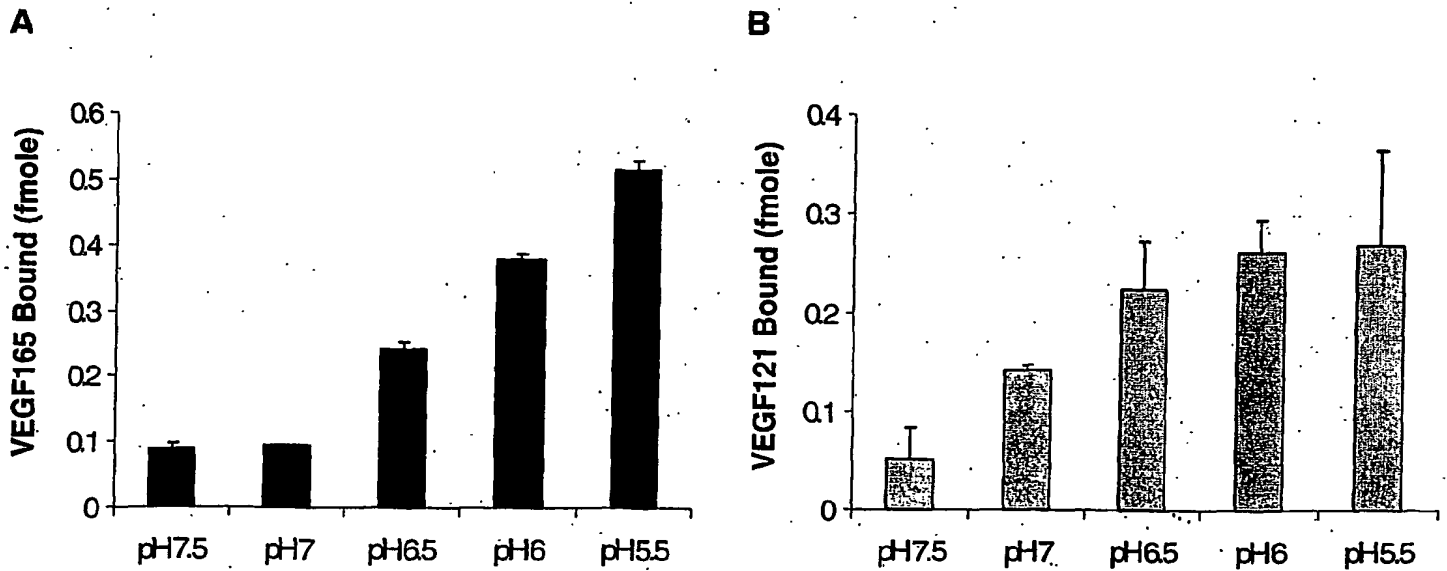


Figure 4

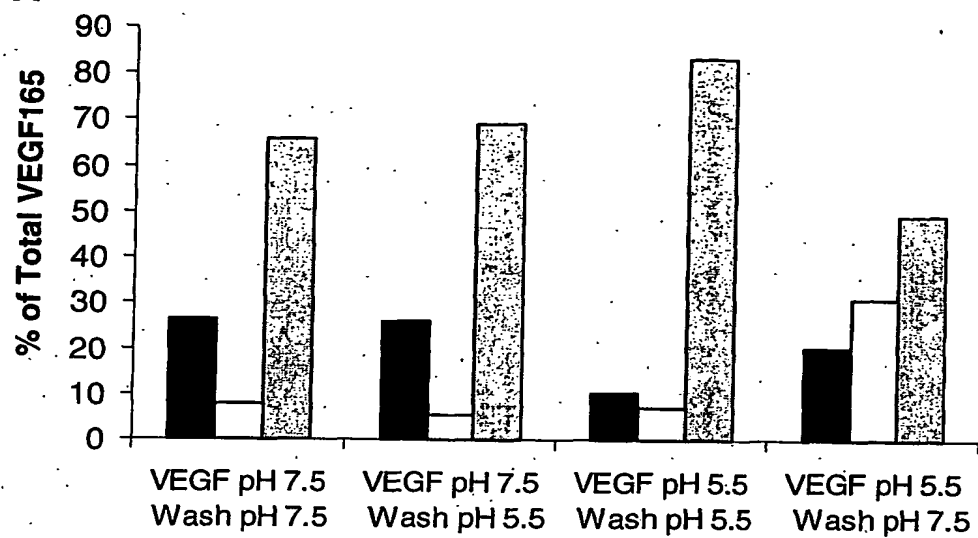
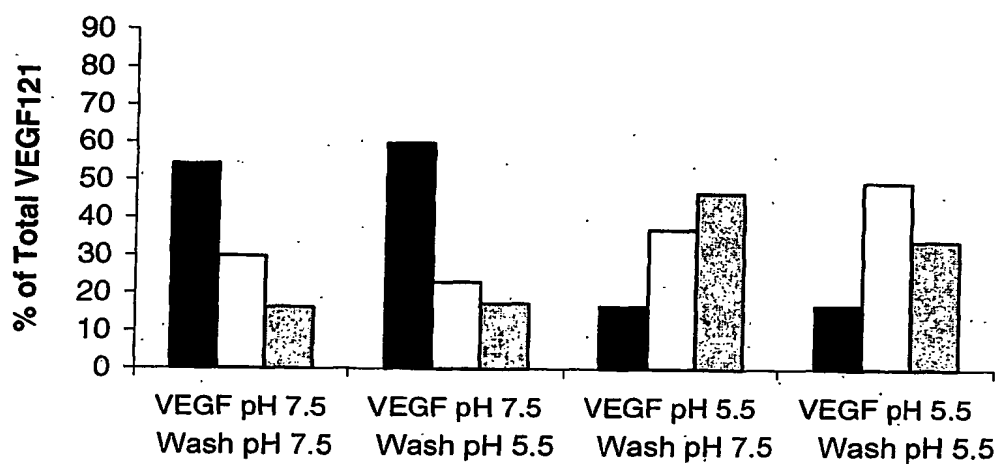
**A****B**

Figure 4

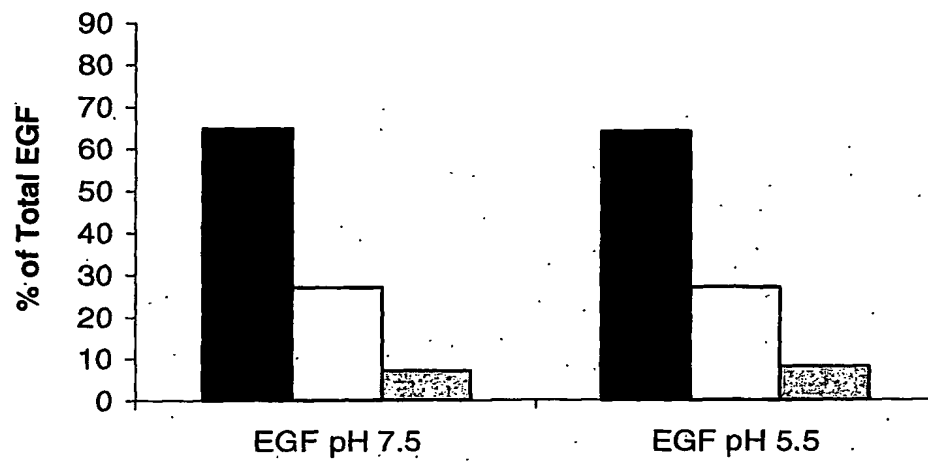
**C**

Figure 5

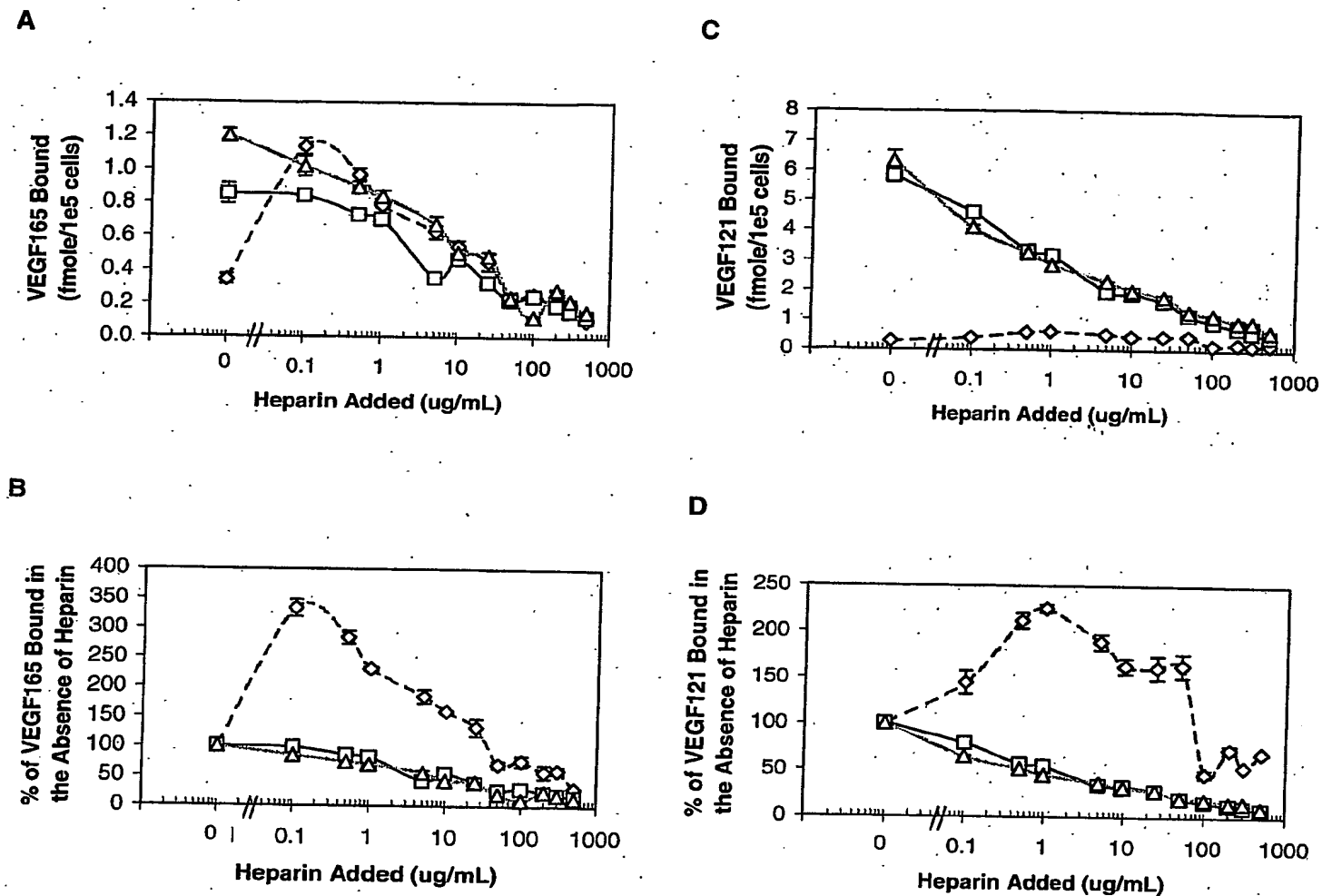
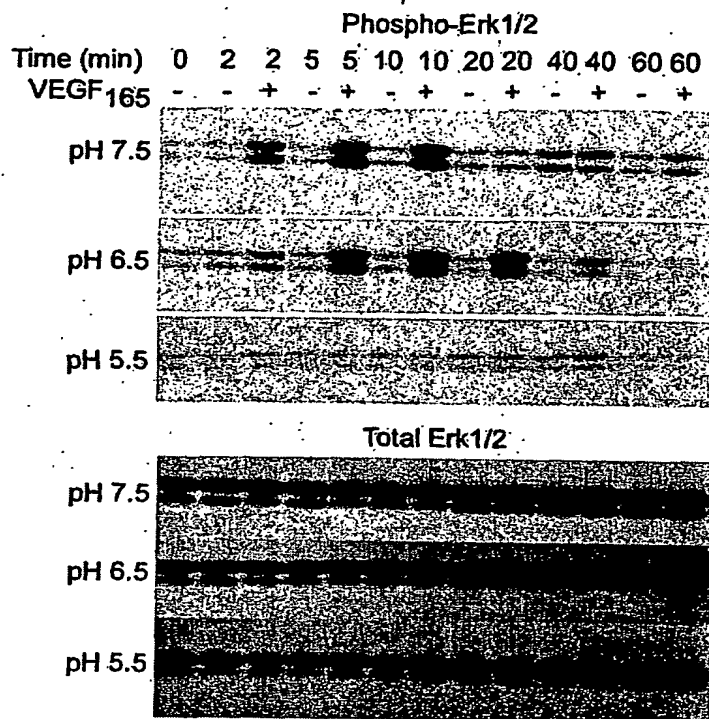


Figure 6

**A**

Extracellular pH alters VEGF activity

Figure 6

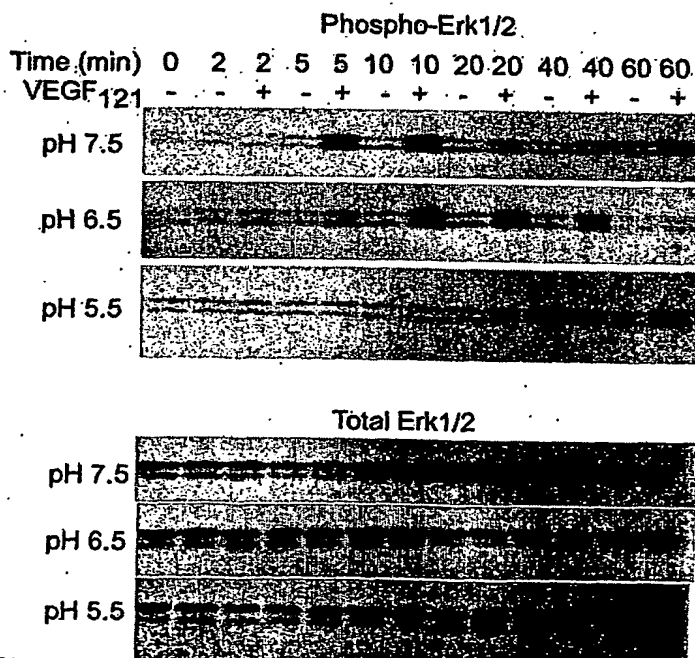
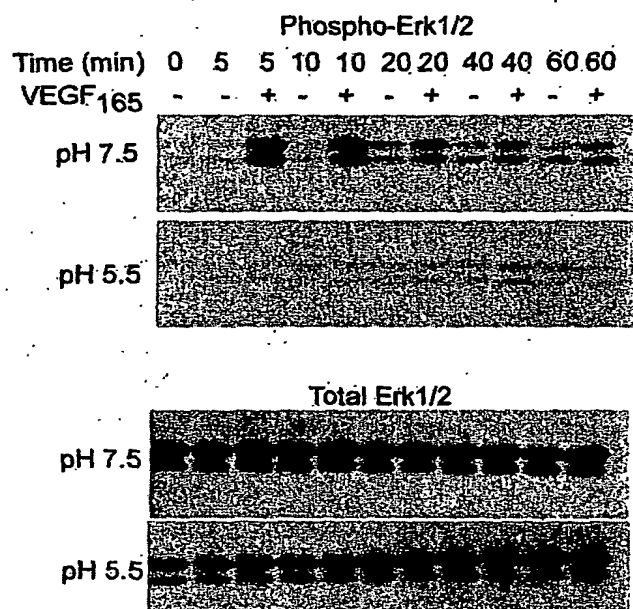
**B**

Figure 7

A



Extracellular pH alters VEGF activity

Figure 7

B

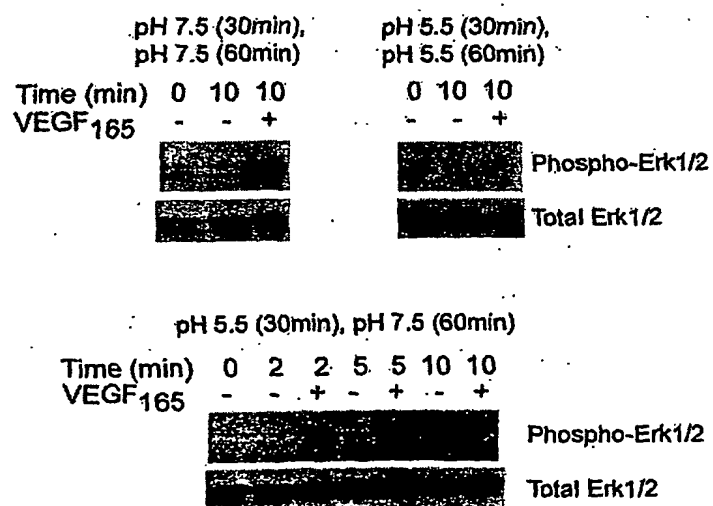


Figure 8

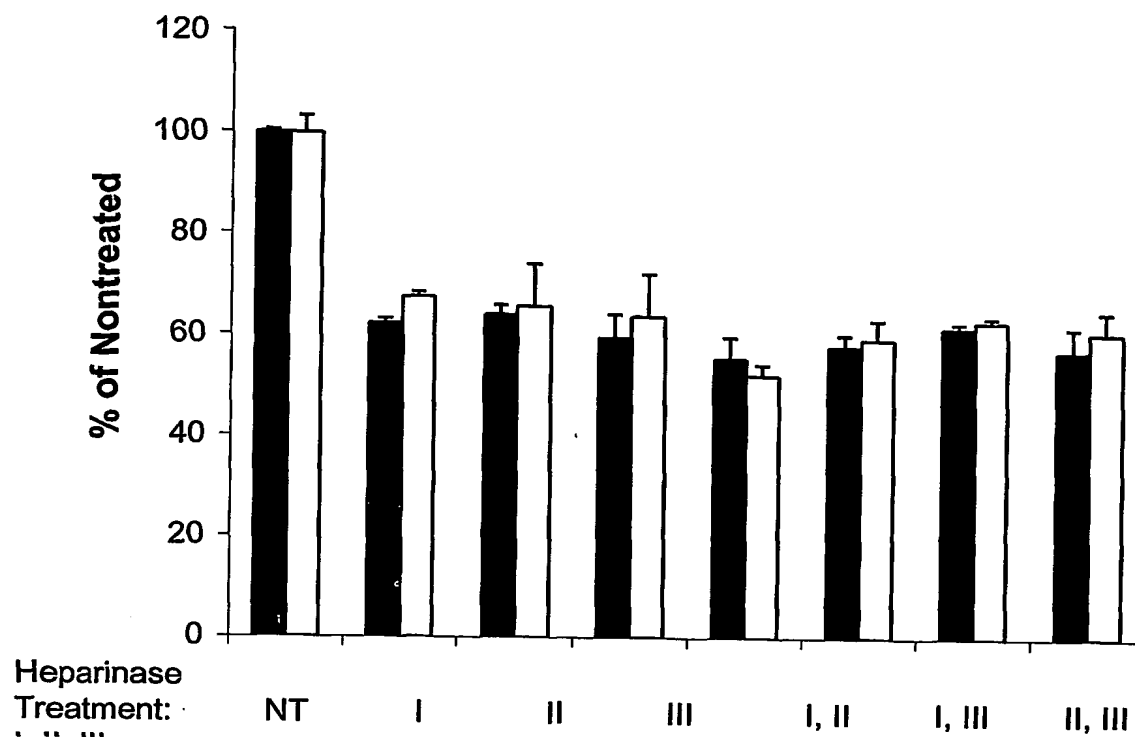


Figure 9

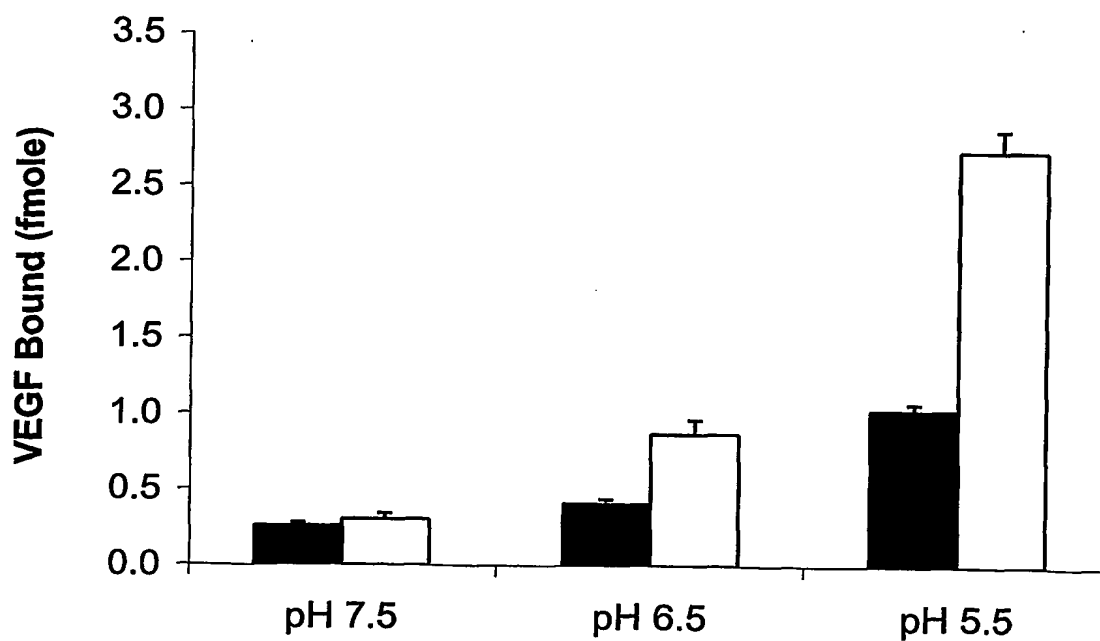




Figure 10

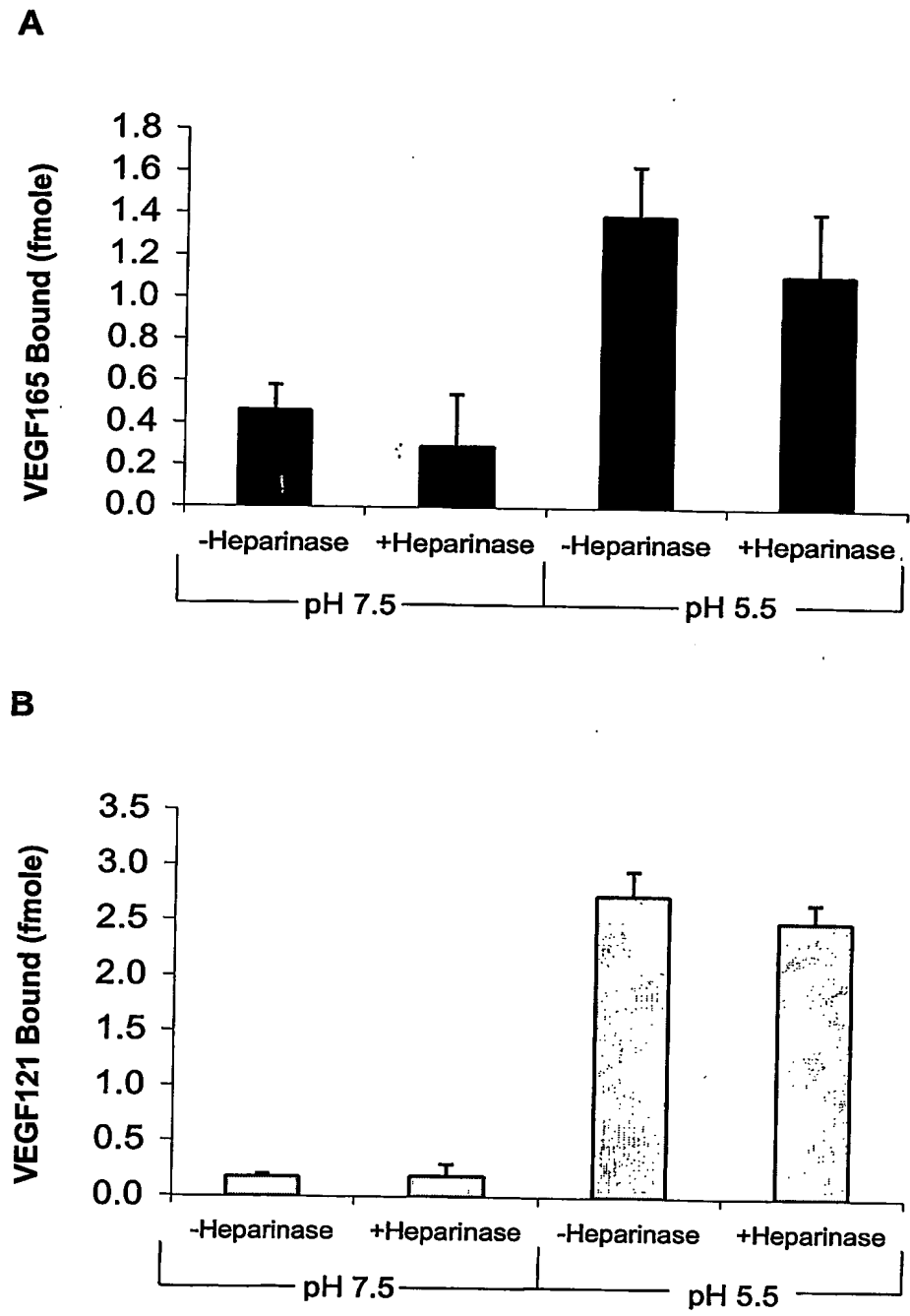


Figure 11

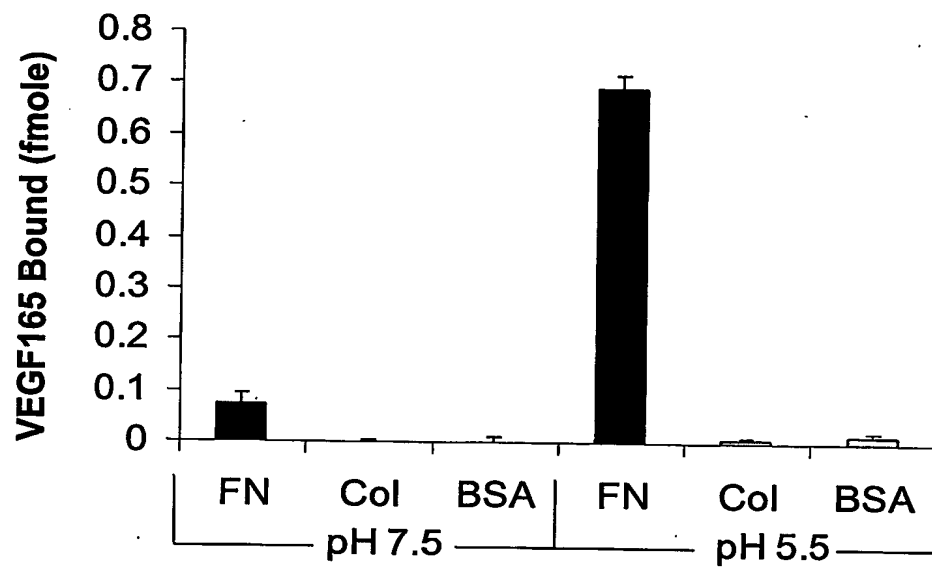
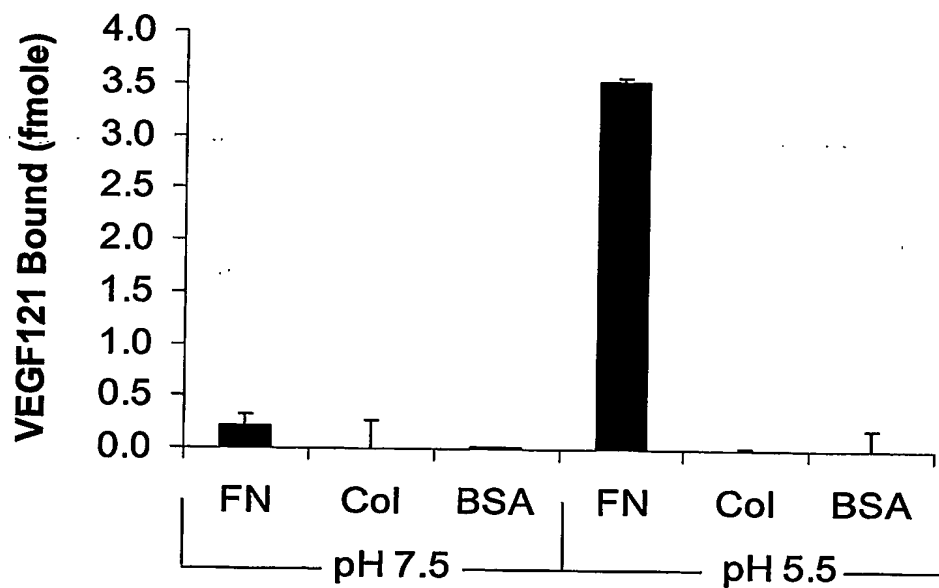
**A****B**

Figure 12

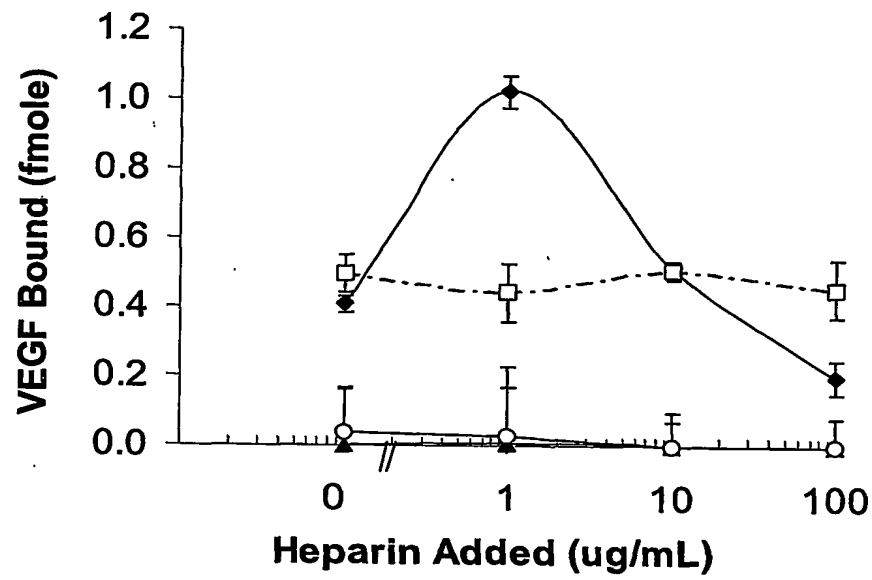
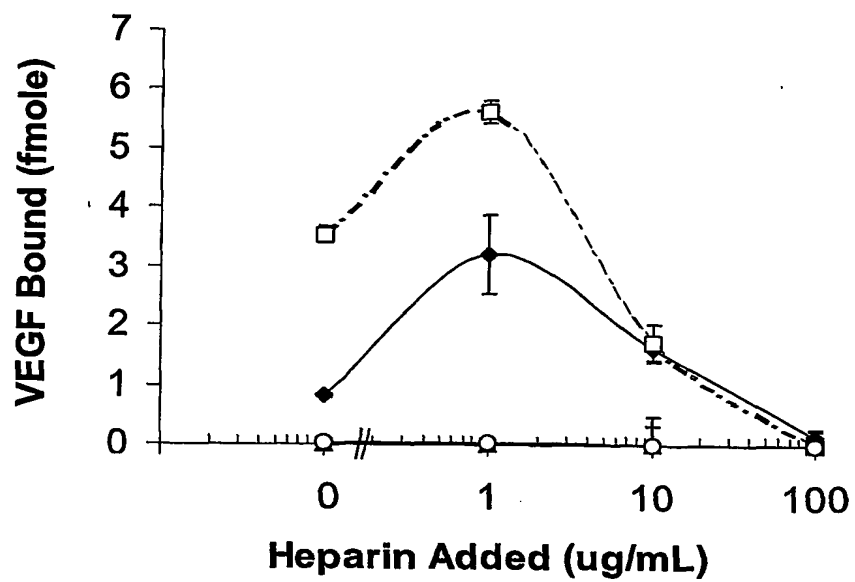
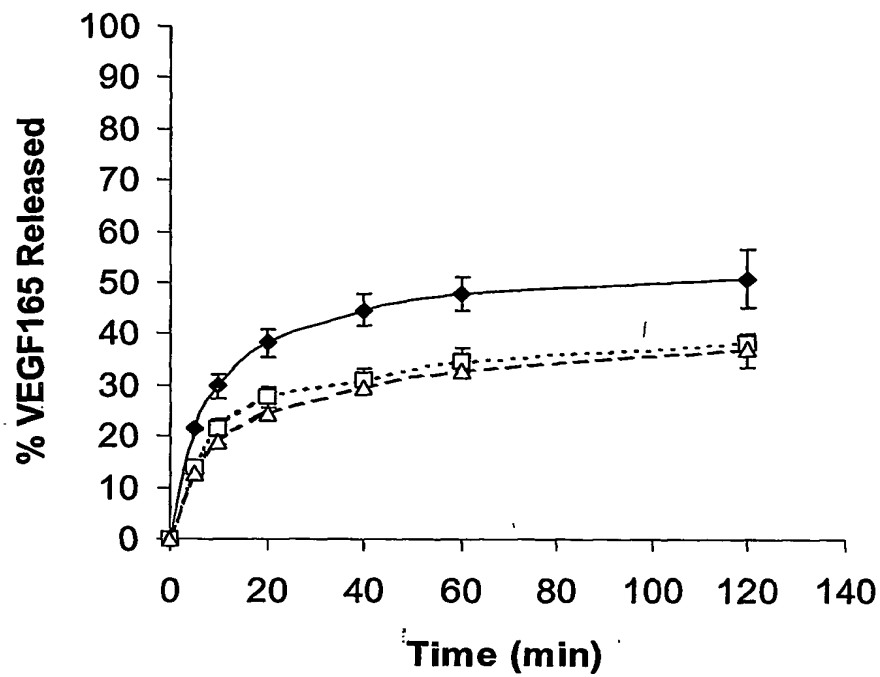
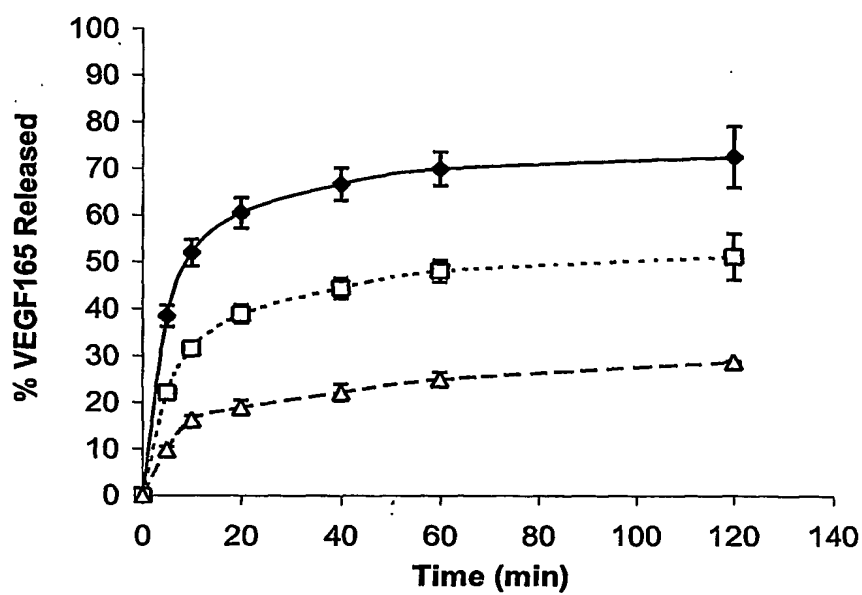
**A****B**

Figure 13

**A****B**

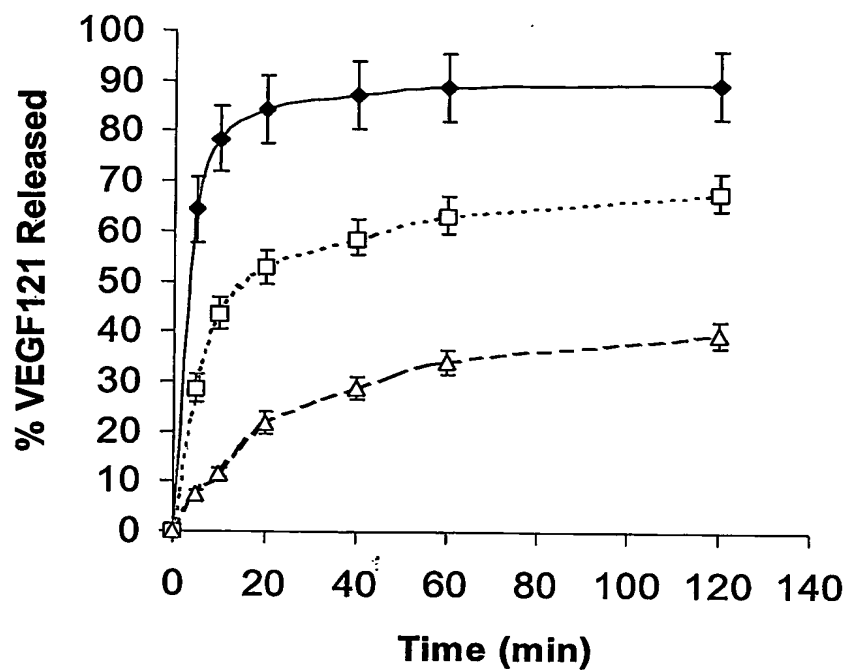
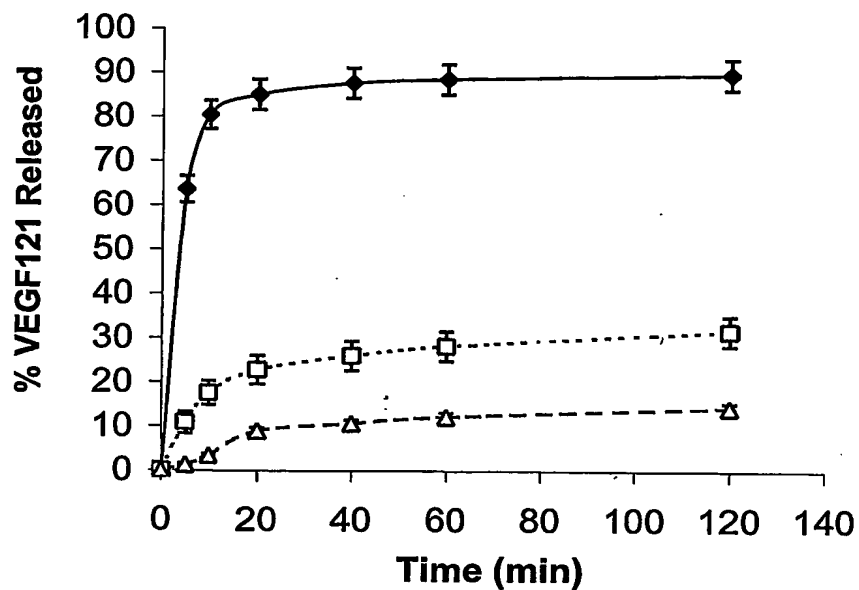
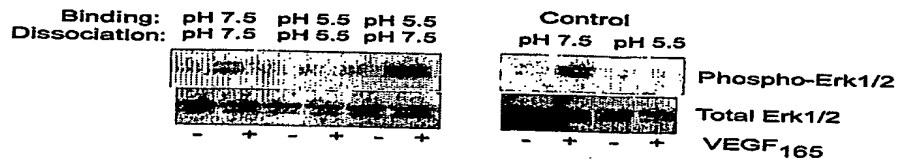
**C****D**

Figure 14

A



B

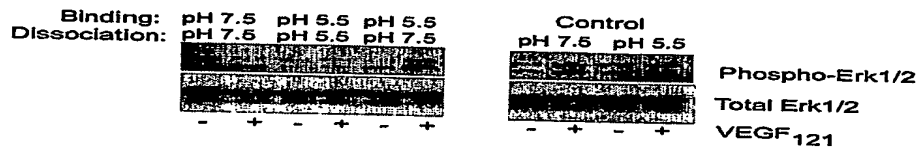


Figure 15 A and B

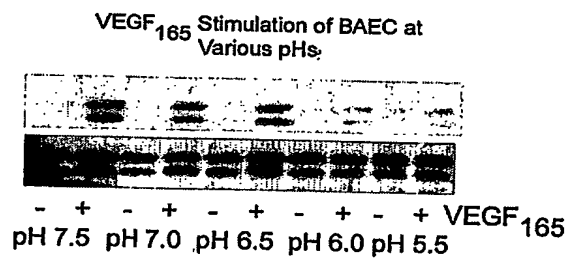
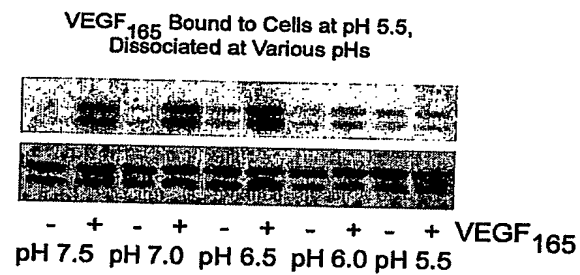
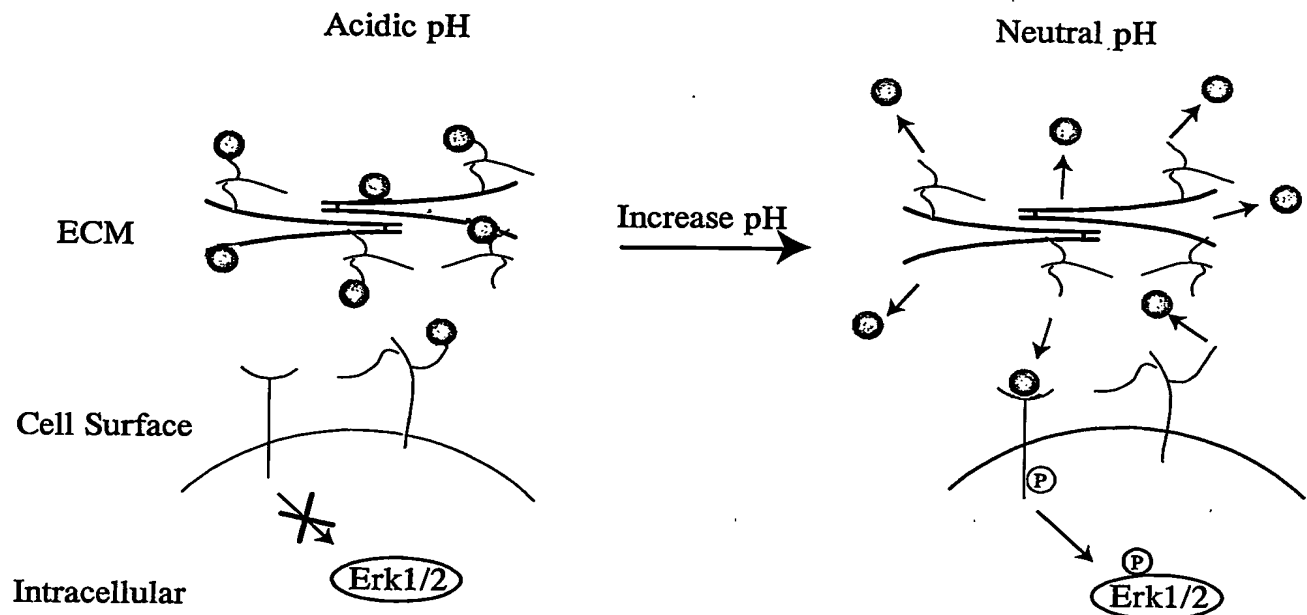
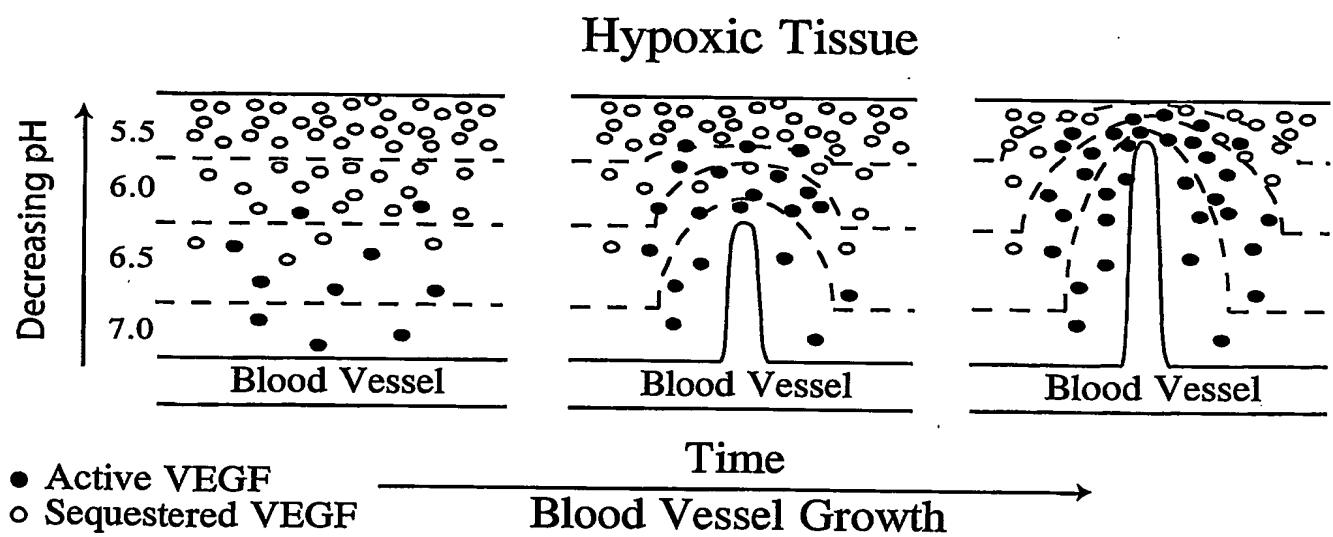


Fig 16

A



B



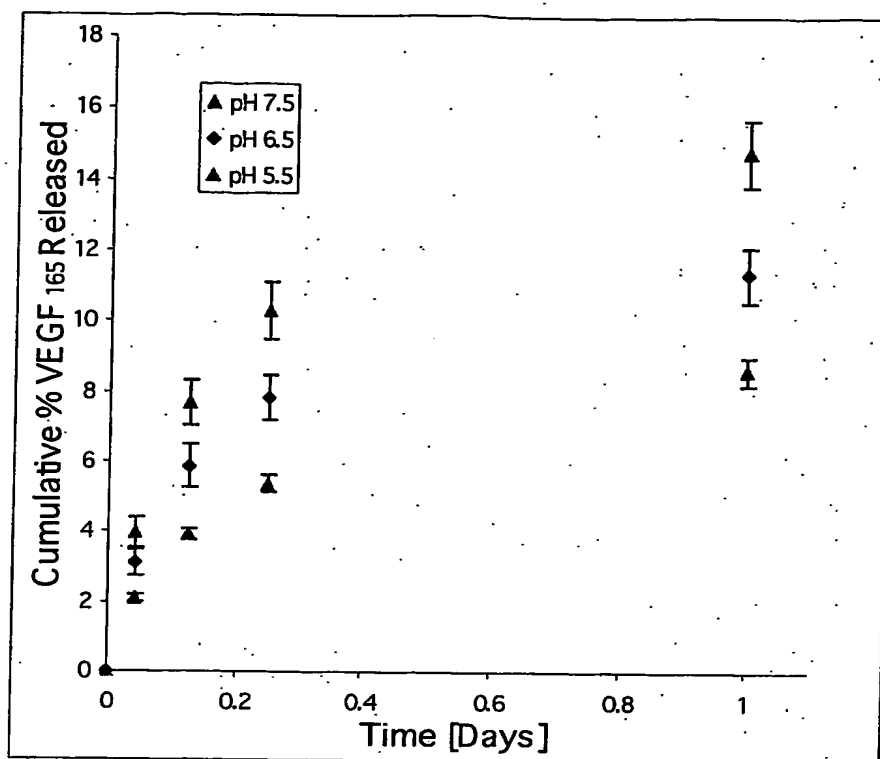


Figure 17

Cumulative percent release of VEGF<sub>165</sub> after 1 day at pH 7.5, 6.5, and 5.5. Spheres contained approximately 0.75 ug heparin and 0.60 ug fibronectin encapsulated in 1.2% (w/v) calcium alginate hydrogel. Initial VEGF<sub>165</sub> loaded per bead was  $2.47 \pm 0.27$  ng.



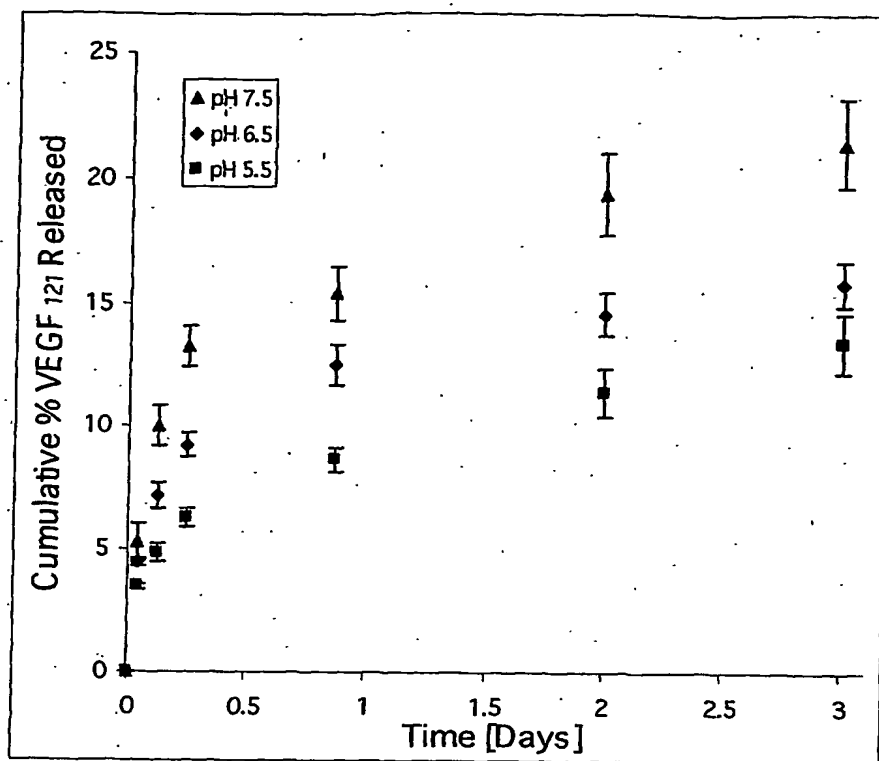


Figure 18

Cumulative percent release of VEGF<sub>121</sub> after 3 days at pH 7.5, 6.5, and 5.5. Spheres contained approximately 0.75 ug heparin and 0.60 ug fibronectin encapsulated in 1.2% (w/v) calcium alginate hydrogel. Initial VEGF<sub>121</sub> loaded per bead was  $2.03 \pm 0.23$  ng.

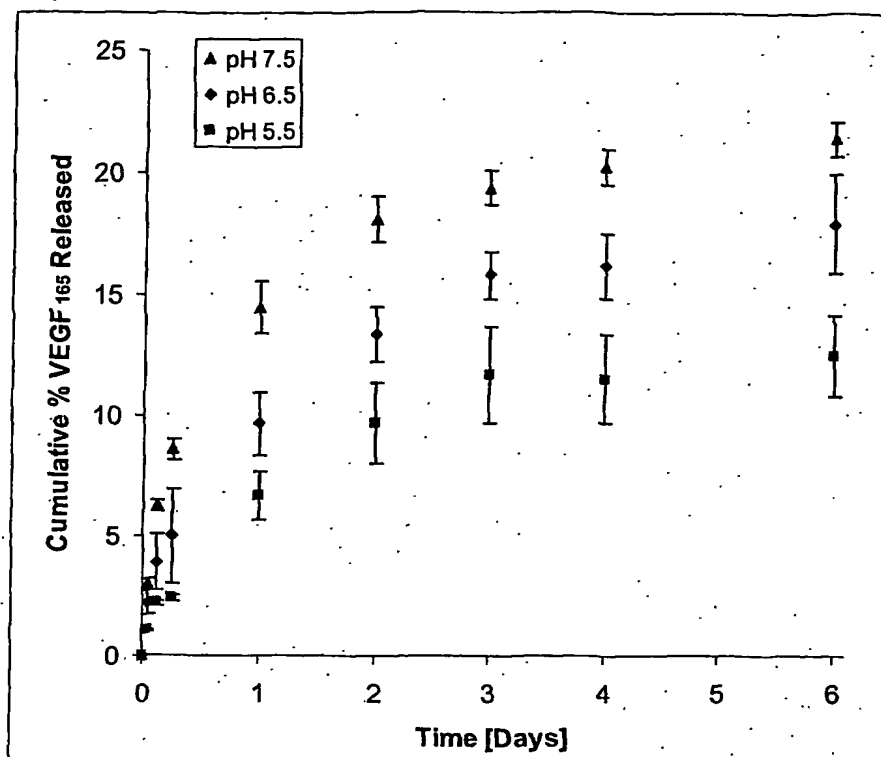


Figure 19

Cumulative percent release of VEGF<sub>165</sub> after 6 days at pH 7.5, 6.5, and 5.5. Spheres contained approximately 0.50 ug heparin encapsulated in 1.2% (w/v) calcium alginate hydrogel. Initial VEGF<sub>165</sub> loaded per bead was  $2.2 \pm 0.15$  ng.

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